

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** 1. A system of securely controlling a wireless mobile communication device, comprising:

a plurality of domains residing on a wireless mobile communication device, at least one domain including a plurality of different types of assets of the wireless mobile communication device, the different types of assets within a domain requiring a common level of trust to access; and

a domain controller, configured to control the plurality of domains on the mobile device, for controlling access to the different types of assets that require a common level of trust to access within a domain configured to receive a request to perform an operation affecting at least one of the assets, to determine whether the request originated with an entity that has a trust relationship with the domain that includes the at least one affected asset, and to permit completion of the operation if the request originated with an entity that has a trust relationship with the domain that includes the at least one affected asset;

wherein completion of the operation is not permitted if the request originated with an entity that does not have a trust relationship with the domain that includes the at least one affected asset.

2. **(Original)** The system of claim 1, further comprising a key store for storing cryptographic keys associated with the domain that includes the at least one affected asset, wherein the domain controller is configured to determine whether the request originated with an entity that has a trust relationship with the domain using the cryptographic keys.

3. **(Original)** The system of claim 1, wherein the domain controller is configured to determine whether the request originated with the entity that has a trust relationship with the domain that includes the at least one affected asset by determining whether the domain that includes the at least one affected asset also includes the entity.

4. **(Previously Presented)** The system of claim 1, wherein the at least one domain further includes as an asset a software application for which the domain controller permits completion of the operation upon the software application if the request originated with an entity that has a trust relationship with the at least one domain that includes as an asset the software application;

wherein completion of the operation is not permitted if the request originated with an entity that does not have a trust relationship with the at least one domain that includes the software application as an asset.

5. **(Original)** The system of claim 4, wherein at least one of the domains comprises a plurality of domains, and wherein the wireless mobile communication device further comprises a super user software application that has a trust relationship with more than one of the plurality of domains.

6. **(Original)** The system of claim 5, wherein each of the more than one of the plurality of domains includes the super user software application.

7. **(Original)** The system of claim 1, wherein the domain controller is further configured to receive information, and to place the information into a domain.

8. **(Original)** The system of claim 1, wherein the at least one asset is selected from the group consisting of:

communication pipes, persistent data, properties, and software applications.

9. **(Currently Amended)** The system of claim 1, further comprising a data store for storing properties, wherein the domain controller is further configured to determine whether the operation is permitted by properties in the data store, and to permit completion of the operation if the operation is permitted by the properties in the data store;

wherein completion of the operation is not permitted if the operation is not permitted by the properties in the data store.

10. **(Original)** The system of claim 9, wherein each property is global, domain-specific, or specific to a particular software application on the wireless mobile communication device.

11. **(Currently Amended)** A method for secure control of a wireless mobile communication device, comprising:

segregating assets of the wireless mobile communication device into a plurality of domains, at least one domain including a plurality of different types of assets of the wireless mobile communication device, the different types of assets within a domain requiring a common level of trust to access;

receiving a request to perform an operation affecting at least one of the assets;

determining via a domain controller configured to control the plurality of domains on the mobile device whether the operation is permitted by the domain that includes the affected asset;
and

allowing the operation to be completed if the operation is permitted by the domain that includes the affected asset;

wherein completion of the operation is not allowed if the operation is not permitted by the domain that includes the affected asset.

12. **(Original)** The method of claim 11, wherein the step of determining comprises the step of determining whether the request originated with an entity that has a trust relationship with the domain that includes the at least one affected asset.

13. **(Original)** The method of claim 12, wherein the step of determining whether the request originated with an entity that has a trust relationship with the domain that includes the at least one affected asset comprises the step of determining whether the domain that includes the at least one affected asset also includes the entity.

14. **(Original)** The method of claim 12, wherein the request originates from a software application, and wherein the step of determining whether the request originated with an entity that has a trust relationship with the domain that includes the at least one affected asset comprises the step of verifying a digital signature of the software application using a cryptographic key associated with the domain.

15. **(Original)** The method of claim 11, further comprising the steps of:

receiving information; and

associating the information with at-least one of the plurality of domains.

16. **(Original)** The method of claim 15, wherein the step of associating comprises the step of determining with which domains the information is to be associated in accordance with domain policies.

17. **(Original)** The method of claim 16, wherein the domain policies specify that information is to be associated with domains based on one or more of:

a source of the information, an indicator of a domain in the information, a communication pipe over which the information is received, a digital signature of the information, an access list describing allowed domain information, and an input from a user of the wireless mobile communication device.

18. **(Previously Presented)** The method of claim 11, further comprising the step of:

determining whether the operation is permitted by properties stored at the wireless mobile communication device,

wherein the step of allowing comprises the step of allowing the operation to be completed if the operation is permitted by both the domain and the properties;

wherein the operation is not allowed to be completed if the operation is not permitted by both the domain and the properties.

19. **(Original)** The method of claim 18, wherein the step of determining whether the operation is permitted by properties stored at the wireless mobile communication device comprises the step of checking global properties for the wireless mobile communication device and domain properties for the domain that includes the at least one affected asset.

20. **(Original)** The method of claim 19, wherein the request originates from a software application, and wherein the step of determining whether the operation is permitted by properties stored at the wireless mobile communication device further comprises the step of checking application properties for the software application.

21. **(Previously Presented)** The system of claim 1, wherein one domain includes at least two different assets selected from the group of assets consisting of: communication pipes, persistent data, properties, and software applications.